



■ Features

- Fast response time
- High analytic
Cut-off visible wavelength $\lambda_c=940\text{nm}$
- High sensitivity
- Pb free
- The product itself will remain within RoHS compliant version

■ Description

The ITR2C-554624-2.8 consist of an infrared emitting diode and an silicon phototransistor, encased side-by-side on converging optical axis in a black thermoplastic housing,

The phototransistor receives radiation from the IR LED only .This is the normal situation.

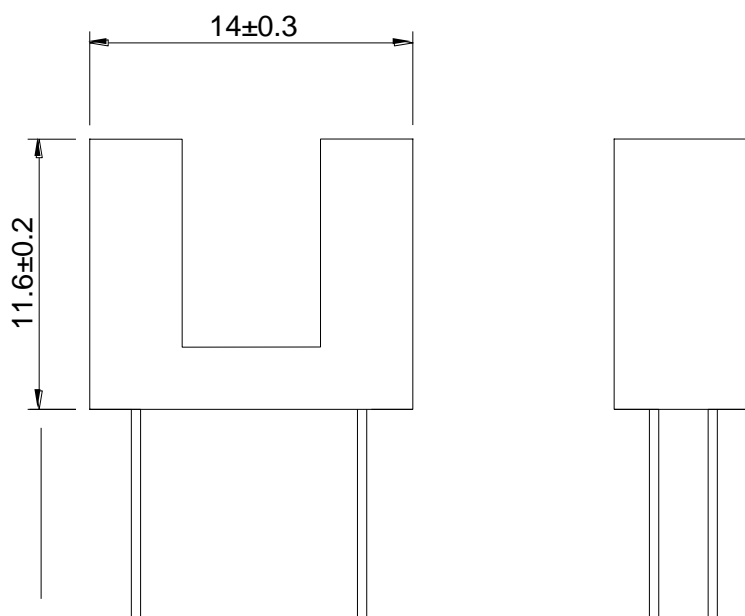
But when an object is in between , phototransistor could not receives the radiation.

■ Applications

- Mouse Copier
- Switch Scanner
- Floppy disk driver
- Non-contact Switching
- For Direct Board

■ Device Selection Guide

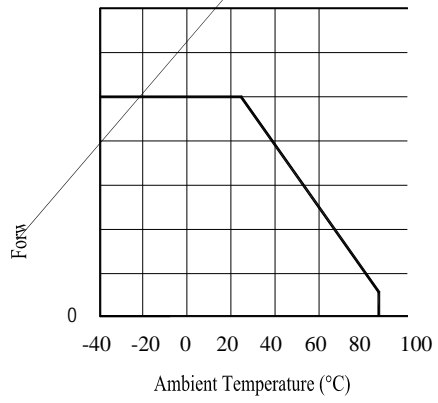
Device No.	Chip Material	LENS COLOR
IR	GaAlAs	Water Clear
PT	Silicon	Water Clear

■ Package Dimensions**Notes:**

1. All dimensions are in millimeters.
2. Tolerance is ± 0.20 mm unless otherwise noted.
3. Lead spacing is measured where the leads emerge from the package.

■ Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Ratings	Unit
Power Dissipation at(or below) 25°C Free Air Temperature			



LIGHT

LIGHT ELECTRONICS CO., LTD.

■ Tube Packing

